

Recombinant Human IFRD1 protein, His-tagged

Cat. No. IFRD1-14085H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFRD1 protein(1-451 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-451 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MPKNKKRNTPHRGSSAGGGGSGAAAATAATAGGQHRNVQPFSDDEDASIETMSHC SGYSDPSSFAEDGPEVLDEEGTQEDLEYKLKGLIDLTDKSAKTRQAALEGIKNALAS KMLYEFILERRMTLTDSIERCLKKGKSDEQRAAAALASVLCIQLGPGIESEEILKTLGPI LKKIICDGSASMQARQTCATCFGVCCFIATDDITELYSTLECLNIFTKSYLKEKDTTVI CSTPNTVLHISSLLAWTLLLITCIPINEVKKKLEMHFHKLPSLLSCDDVNMRIAAGESLA LLFELARGIESDFFYEDMESLTQMLRALATDGNKHRAKVDRKQRSVFRDVLRAVE ERDFPTETIKFGPERMYIDCWVKKHTYDTFKEVLGSGMQYHLQSNEFLRNVFELGP PVMLDAATLKTMKISRFERHLYNSAAFKARTKARSKCRDKRADVGEFF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Storage Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name IFRD1 interferon-related developmental regulator 1 [Homo sapiens]

Official Symbol IFRD1

Synonyms IFRD1; interferon-related developmental regulator 1; PC4; TIS7; TPA induced sequence 7; pheochromocytoma cell-4; nerve growth factor-inducible protein PC4; 12-O-tetradecanoylphorbol-13-acetate-induced sequence 7;

Gene ID 3475

mRNA Refseq NM_001007245

Protein Refseq NP_001007246

MIM 603502

UniProt ID O00458

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